

Iowa Crops & Weather



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For the week ending October 2, 2005

Combines Continue to Roll

Nearly one-fourth of Iowa's soybean crop was harvested last week. Some farmers have completed their harvest of soybeans and moved on to corn. Other farmers are awaiting further dry down before harvesting their corn in an effort to minimize drying costs. Aflatoxin concerns have been expressed in east central, south central and southeast areas of Iowa. Isolated reports of field fires have been reported in the State's drier areas.

There were 4.7 **days suitable for fieldwork**, down from the previous week's 5.5 days. **Topsoil moisture** rated 20 percent very short, 21 percent short, 52 percent adequate, and 7 percent surplus across Iowa. **Subsoil moisture** rated 25 percent rated very short, 25 percent short, 46 percent adequate, and 4 percent surplus.

Field Crops Report: **Corn condition** improved marginally from the previous week with 2 percent rated very poor, 6 percent poor, 19 percent fair, 50 percent good, and 23 percent excellent. **Corn mature** reached 96 percent, which remains ahead of the 5-year average at 91 percent. **Corn harvested** reached 12 percent complete which is ahead of last year, but 4 percentage points behind the normal 16 percent complete. The **percent moisture of field corn** was 24 percent, down from last week's rating of 26 percent. **Harvest corn percent moisture** was at 19 percent, which is 3 percentage points lower than the previous week and 4 percentage points below last year. **Corn lodging** rated 65 percent none, 25 percent light, 8 percent moderate and 2 percent heavy. **Corn ear droppage** rated 74 percent none, 22 percent light and 4 percent moderate. **Soybeans dropping leaves**, at 97 percent complete, is ahead of the normal pace of 90 percent. **Soybeans harvested** reached 50 percent complete, which is ahead of both last year and normal. **Soybeans lodging** rated 74 percent none, 23 percent light and 3 percent moderate. **Soybeans shattering** was rated at 68 percent none, 27 percent light and 5 percent moderate. **Soybean condition** was rated 2 percent very poor, 4 percent poor, 17 percent fair, 47 percent good, and 30 percent excellent.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 17 percent very poor, 27 percent poor, 30 percent fair, 23 percent good, and 3 percent excellent. Livestock were generally reported to be in

good condition. Calves are being weaned. Some cattle is being pastured on already harvested fields.

Iowa Weather Summary

High pressure and sunny weather dominated Iowa during most of the week of September 27 to October 3, interrupted only by a cold front that brought light to moderate rain to much of the state on September 28. Rain was heavier in the central and southern portions of the state, with Donnellson reporting the largest one-day total of 0.78 inches the following morning. After the cold front passed, a few days of colder than normal weather ensued, with the lowest minimum temperature of 27°F reported in Atlantic on the morning of September 29. Freezing and below freezing temperatures were reported in at least one location in each of the six western and central crop districts in Iowa, and almost all of the climate stations in Iowa reached at least the mid-30s. This is approximately the normal time of year for first frost in northwestern Iowa, but the frosts in south-central and southwestern Iowa were 7-10 days earlier than normal.

A strong southerly flow of air started replacing the cold air with above normal temperatures by September 30, and summer-like dew points also returned starting October 1. An upper level disturbance brought heavy rains to northern Missouri on the 1st and 2nd, with a few showers extending northward beyond the southern tier of Iowa. This additional precipitation did increase the total for Burlington Airport for the week to 0.94 inches, but only a small portion of the southeastern corner of the state received above normal rainfall for the week. On the far west-central side of Iowa, Sioux City only recorded 0.02 inches for the week, and most of the northern and western portions of the state received less than 50% of normal precipitation for the week. The state average precipitation this week was 0.40 inches, about 70% of the normal for the September 27 - October 3 period. Temperatures for the week were 2-4°F above normal in the northwestern part of Iowa, within a degree of normal over most of the state, and 1-3°F below normal in far southern Iowa. Very summer-like high temperatures in the low 90s were observed on the last day of the period in Onawa, Sioux City, and Glenwood.

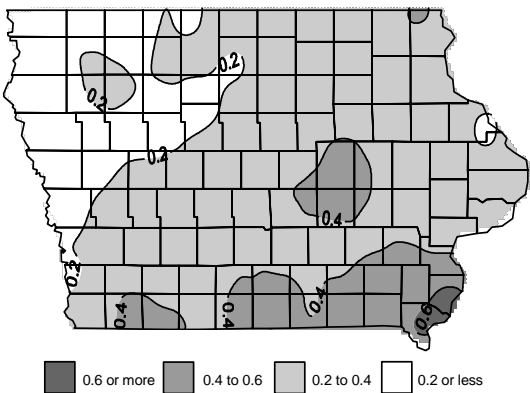
Statewide Crop Conditions as of October 2, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	19	50	23
Range & Pasture	17	27	30	23	3
Soybeans	2	4	17	47	30

Statewide Harvesting Conditions as of October 2, 2005

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	65	25	8	2
Corn ear droppage	74	22	4	0
Soybeans lodging	74	23	3	0
Soybeans shattering	68	27	5	0

PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON, OCT 3, 2005 (INCHES)



Field Work and Crop Progress as of October 2, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn harvested (grain or seed)	10	5	20	12	9	12	19	16	16	12	7	8	16
Soybeans harvested	63	46	44	60	62	35	48	25	34	50	27	44	34

Days Suitable & Soil Moisture Condition as of October 2, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	4.5	3.2	3.7	5.3	4.4	5.7	5.9	4.9	5.5	4.7	5.5	5.6
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	0	2	21	8	39	37	61	23	20	24
Short	4	0	11	22	17	40	41	16	49	21	23	24
Adequate	88	61	75	57	70	21	22	23	28	52	45	61
Surplus	8	39	12	0	5	0	0	0	0	7	8	7
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	1	0	11	25	10	61	33	53	43	25	28
Short	13	2	19	34	20	31	41	27	48	25	25	24
Adequate	80	76	61	41	69	8	26	20	9	46	43	60
Surplus	6	22	9	0	1	0	0	0	0	4	4	8

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, October 2, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	85	33	61	7	1.36	0.71	21.38	0.54	81	40
	84	30	64	7	0.19	-0.41	19.64	-0.65	101	43
	84	31	61	6	0.54	-0.10	22.02	0.34	82	35
	84	36	61	7	0.00	-0.61	25.23	4.61	77	1
Britt Humboldt Mason City Northwood	North Central District									
	82	35	57	-2	0.77	0.06	31.60	8.94	58	-3
	79	35	57	-2	0.65	-0.05	28.93	5.69	55	4
	84	33	60	5	1.06	0.31	34.26	10.27	75	27
	83	35	58	3	0.96	0.21	33.54	10.08	59	13
Decorah Dubuque Elkader Independence Waterloo	North East District									
	84	34	61	5	0.48	-0.26	24.66	1.06	83	26
	81	36	60	3	0.82	-0.06	16.47	-9.25	72	19
	83	35	58	2	1.12	0.41	22.52	-0.77	62	-14
	83	35	58	2	0.90	0.15	28.04	3.14	60	-10
	83	36	61	4	0.77	0.03	24.00	-0.03	78	24
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	79	28	57	-3	1.20	0.39	21.44	-2.19	58	-10
	81	33	59	2	1.12	0.39	19.19	-5.24	71	15
	81	34	58	-2	0.98	0.24	20.18	-1.77	62	4
	79	31	57	-1	1.34	0.58	28.22	4.01	59	-2
	82	32	59	1	0.41	-0.53	17.88	-6.22	70	12
	79	34	59	2	2.41	1.68	21.01	-3.42	65	9
	84	29	59	-2	0.13	-0.63	19.71	-3.01	69	3
	79	34	58	-2	0.57	-0.19	24.80	1.21	60	-5
	88	29	63	5	1.89	1.30	18.59	-0.41	94	31
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	79	32	60	3	1.90	1.20	25.21	-0.01	73	16
	80	33	58	-1	1.28	0.53	24.02	-0.67	62	-1
	82	38	63	3	0.42	-0.30	20.48	-2.71	91	16
	83	34	59	1	1.14	0.44	23.45	-0.96	64	5
	82	33	61	4	0.93	0.21	20.38	-4.43	81	26
	82	38	59	-1	0.73	-0.08	24.19	0.28	65	-2
	80	33	58	1	1.31	0.61	25.18	1.76	62	4
	82	35	58	1	0.92	0.20	19.45	-5.58	60	4
	East Central District									
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	82	33	61	3	0.33	-0.42	19.13	-4.54	79	15
	85	36	63	3	0.53	-0.17	10.10	-12.88	91	15
	87	35	62	2	0.42	-0.38	11.82	-13.89	88	6
	84	34	59	2	0.99	0.16	15.98	-10.17	68	5
	83	35	59	2	1.50	0.71	12.52	-11.48	63	8
	84	37	61	0	0.64	-0.17	15.63	-8.58	77	22
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	86	29	59	-1	0.78	-0.10	25.66	-1.02	68	0
	85	29	60	0	0.35	-0.44	20.18	-3.97	78	1
	82	33	60	3	0.82	-0.02	21.71	-2.08	74	13
	85	31	61	0	0.33	-0.51	17.77	-8.55	81	4
	85	36	62	2	0.33	-0.50	19.76	-5.14	88	11
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	85	35	58	-2	1.37	0.42	22.60	-2.81	60	21
	83	36	58	-2	1.00	0.12	25.64	1.13	61	-7
	81	31	59	-2	0.85	-0.16	20.03	-6.08	67	-1
	82	34	59	0	0.50	-0.31	20.90	-3.20	69	2
	84	33	58	-2	1.99	1.12	19.21	-6.14	62	-8
Bloomfield Burlington Ottumwa	South East District									
	83	37	60	-2	1.72	0.78	20.81	-4.94	70	-10
	81	40	62	2	0.83	-0.04	14.45	-9.36	88	11
	81	34	61	1	0.68	-0.17	16.88	-6.97	80	3

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.